

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/023265

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08G73/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 569 983 B1 (CHANG KIN-TAI ET AL) 27 May 2003 (2003-05-27) cited in the application column 1, line 7 - line 10 column 4, line 65 column 6, line 62 - line 63 -----	1-17
X	US 5 464 924 A (SILVIS H CRAIG ET AL) 7 November 1995 (1995-11-07) example 1 column 4, line 25 - line 40 -----	1-17
X	US 4 396 499 A (MCCOY DAVID R ET AL) 2 August 1983 (1983-08-02) column 2, line 43 - line 50 ----- -/-	1-17



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "Z" document member of the same patent family

Date of the actual completion of the international search

11 November 2004

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22/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/053536 A (ONDEO NALCO ENERGY SERVICES L) 3 July 2003 (2003-07-03) example 30	1-17
X	US 6 315 908 B1 (SMITH GEORGE A) 13 November 2001 (2001-11-13) column 2, line 14 - line 63	1-17

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Information on patent family members

International Application No

PCT/US2004/023265

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6569983	B1	27-05-2003	WO	03054051 A1		03-07-2003
US 5464924	A	07-11-1995	NONE			
US 4396499	A	02-08-1983	NONE			
WO 03053536	A	03-07-2003	WO	03053536 A1		03-07-2003
US 6315908	B1	13-11-2001	CA	2362329 A1		17-08-2000
			WO	0047524 A1		17-08-2000